

CROP WEATHER REPORT

Issue: 05-11
Released: 2:00 p.m., MDT, May 23, 2005
For Week Ending: May 22, 2005

ISSUED: WEEKLY: Apr-Oct
MONTHLY: Nov-Mar



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Agricultural Summary

There were 4.6 days suitable for field work during the week. Currently, field work is 96% well underway, 3% just started and 1% have not started spring field tillage work yet.

Montana encountered high temperatures in the lower to mid eighties. Glendive and Broadus tied for the high temperature during the week at 85 degrees. The lows for the State were mainly in the thirties. Culbertson, Plentywood and Wisdom tied for the low temperature of 31 degrees. There was moderate to heavy precipitation across the State during the past week. Wisdom received the most moisture with 1.17 inches of precipitation.

The weather outlook for the week of May 23 through May 29 is for below normal temperatures and near normal precipitation west of the divide and below normal temperatures and below normal precipitation east of the divide. State normals for temperatures are highs in the mid 60s to mid 70s and lows in the mid 30s to 50.

Soil Moisture Condition Table

	This Week	Last Week	Last Year	5 Yr Ave
Topsoil Moisture				
Very Short	5	12	19	22
Short	26	27	29	31
Adequate	65	56	47	43
Surplus	4	5	5	4
Subsoil Moisture				
Very Short	20	28	39	35
Short	41	38	34	35
Adequate	37	33	26	29
Surplus	2	1	1	1

Field Work Table

	This Week	Last Week	Last Year	5 Yr Ave
Days Suitable for Field Work				
Days	4.6	4.4	3.2	5.4
Field Tillage Work in Progress				
None	1	1	n/a	n/a
Just Started	3	6	n/a	n/a
Well Underway	96	93	n/a	n/a

Field Crops Report

Growing conditions have improved in several areas of the State over the course of the last week. Planting is well underway and nearly complete for spring wheat and barley. Several reports indicate subsoil moisture and topsoil moisture improvement. Spring wheat and barley condition are both better than last year's condition. Reports indicate that most crops have recovered from damage due to previous freezing temperatures.

Crop Condition Table

	This Week	Last Week	Last Year	5 Yr Ave
Winter Wheat				
Very Poor	2	3	6	14
Poor	8	10	26	21
Fair	25	35	44	34
Good	56	44	21	25
Excellent	9	8	3	6
Spring Wheat				
Very Poor	1	n/a	n/a	n/a
Poor	2	n/a	n/a	n/a
Fair	35	n/a	n/a	n/a
Good	55	n/a	n/a	n/a
Excellent	7	n/a	n/a	n/a
Barley				
Very Poor	1	n/a	1	n/a
Poor	1	n/a	7	n/a
Fair	36	n/a	60	n/a
Good	53	n/a	28	n/a
Excellent	9	n/a	4	n/a

Crop Progress Table

	This Week	Last Week	Last Year	5 Yr Ave
Winter Wheat				
Boot	11	4	21	13
Spring Wheat				
Planted	95	89	96	88
Emerged	76	48	72	57
Durum Wheat				
Planted	79	73	77	n/a
Emerged	53	19	36	n/a
Barley				
Planted	92	86	98	91
Emerged	70	51	88	64
Oats				
Planted	82	72	92	81
Emerged	58	38	70	51
Dry Beans				
Planted	59	27	59	63
Emerged	12	6	22	24
Corn				
Planted	75	38	72	79
Emerged	22	8	34	43

Livestock Report

Calving and lambing are 98 percent and 95 percent complete, respectively, compared to last year's 99 percent for cattle and 93 percent for sheep. Fifty-five percent of cattle and 46 percent of sheep have been moved to summer ranges. Pasture and range conditions continue to improve due to the moisture since April.

Range and Pasture Feed Condition

	This Week	Last Week	Last Year	5 Yr Ave
Very Poor	5	9	26	20
Poor	17	21	34	24
Fair	40	48	27	30
Good	32	19	12	21
Excellent	6	3	1	5

Livestock Table

	This Week	Last Week	Last Year	5 Yr Ave
Calving Completed	98	96	99	98
Lambing Completed	95	91	93	92
Moved to Summer Ranges				
Cattle	55	35	n/a	n/a
Sheep	46	29	n/a	n/a

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT <http://www.nass.usda.gov/mt/>

Weather Information Table For Week Ending 6:00 p.m. MDT, May 21, 2005 1/

STATION	TEMPERATURE			PRECIPITATION						
	PAST WEEK			Past	April 1, 2005 to Date			October 1, 2004 to Date		
	High	Low	Avg.	Week	Total 2/	Normal 3/	%	Total 2/	Normal 3/	%
	Degrees			In.	Inches		Normal	Inches		Normal
NORTHWEST										
Drummond	68	33	51	0.60	2.90	2.31	126	5.41	6.82	79
Hamilton	68	40	54	0.82	3.74	2.24	167	7.16	8.15	88
Kalispell	69	32	52	0.46	1.58	2.60	61	6.92	10.39	67
Libby	M	M	M	M	M	M	M	M	M	M
Missoula	65	33	52	1.05	4.27	2.41	177	7.34	8.14	90
Polson	69	38	53	0.33	4.18	2.90	144	8.86	9.33	95
Superior	68	39	54	0.63	4.23	2.45	173	9.30	10.76	86
Thompson Falls	M	M	M	M	M	M	M	M	M	M
West Glacier	70	32	52	1.03	M	M	M	M	M	M
NORTH CENTRAL										
Chester	76	32	57	0.28	0.39	1.91	20	2.61	4.29	61
Choteau	71	37	56	0.37	M	M	M	M	M	M
Conrad	M	M	M	M	M	M	M	M	M	M
Cut Bank	71	36	55	0.61	1.54	2.40	64	2.81	4.84	58
Ft. Benton	80	33	58	M	M	M	M	M	M	M
Gold Butte	M	M	M	M	M	M	M	M	M	M
Harlem	82	40	60	0.75	2.82	2.06	137	5.54	4.52	123
Havre	82	39	60	0.66	1.18	2.12	56	2.77	5.23	53
Malta	78	43	62	0.76	2.27	2.42	94	4.64	5.37	86
Shelby	78	35	56	0.31	1.28	1.96	65	4.02	4.49	90
Turner	77	40	60	0.95	1.17	1.73	68	3.25	3.98	82
Valier	71	38	56	0.81	2.34	2.44	96	4.43	4.75	93
NORTHEAST										
Culbertson	82	31	61	1.03	2.29	2.33	98	4.55	5.01	91
Glasgow	80	39	62	0.15	1.76	1.92	92	3.90	4.47	87
Glendive	85	35	64	0.84	3.23	2.58	125	6.74	5.78	117
Jordan	78	41	60	0.97	4.75	2.46	193	6.64	5.77	115
Plentywood	80	31	59	1.15	2.47	2.09	118	M	M	M
Scobey	M	M	M	M	2.34	2.00	117	4.15	4.26	97
Sidney	82	34	61	0.80	M	M	M	M	M	M
Wolf Point	79	33	61	0.68	2.17	1.93	112	3.01	4.57	66
CENTRAL										
Cascade	M	M	M	M	M	M	M	M	M	M
Flatwillow	80	44	61	0.82	M	M	M	M	M	M
Great Falls	73	38	57	0.77	2.10	3.11	68	4.85	7.50	65
Harlowton	74	35	57	0.62	4.07	2.80	145	6.53	6.15	106
Helena	70	38	56	0.75	2.94	2.12	139	4.99	5.25	95
Lewistown	74	36	56	0.37	2.39	3.36	71	5.58	8.61	65
Melstone	M	M	M	M	M	M	M	M	M	M
Roundup	79	41	62	0.56	5.20	2.87	181	8.58	6.13	140
Stanford	74	37	57	0.32	2.49	3.46	72	6.12	7.90	77
White Sulphur Spr	70	34	54	0.38	1.93	2.73	71	4.05	6.32	64
SOUTHWEST										
Anaconda	66	35	52	0.82	4.26	2.42	176	8.02	6.81	118
Belgrade	71	36	55	0.86	2.92	3.09	94	6.00	7.74	78
Bozeman MSU	74	40	56	0.63	3.98	4.24	94	9.66	10.68	90
Butte	64	34	49	0.86	3.53	2.39	148	5.31	6.14	86
Dillon	68	39	54	0.57	3.90	2.74	142	5.58	5.61	99
Ennis	73	37	55	M	M	M	M	M	M	M
Wisdom	60	31	46	1.17	3.19	2.13	150	5.63	6.18	91
SOUTH CENTRAL										
Billings	78	43	61	0.24	4.61	3.42	135	7.72	8.61	90
Gardiner	75	42	57	0.38	1.30	1.76	74	4.82	4.93	98
Hardin	83	45	66	0.60	5.32	2.71	196	7.94	6.70	119
Livingston	72	38	55	0.59	5.11	3.50	146	8.93	7.97	112
Rapelje	75	38	58	M	M	M	M	M	M	M
Red Lodge	77	32	57	0.10	11.82	5.56	213	M	M	M
SOUTHEAST										
Baker	81	32	60	0.48	6.51	2.82	231	9.97	6.56	152
Broadus	85	40	65	0.00	6.35	3.12	204	8.66	7.22	120
Ekalaka	81	33	61	0.19	5.54	3.67	151	9.15	8.53	107
Miles City	82	41	63	0.22	4.59	2.88	159	7.02	6.40	110

1/ Data from National Weather Service. 2/ May be revised weekly. 3/ For period 1971-2000. M-More than 25% of reporting days are missing.